

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.	:	Filed herewith	Confirmation No.
Applicant	:	ZARRO, et al.	
Filed	:	Filed herewith	
TC/A.U.	:		
Examiner	:		
Docket No.	:	7162-109	
Customer No.	:	30448	

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**INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 CFR 1.97**

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Mail Stop: Patent Applications  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is being submitted in compliance with 37 CFR 1.97 and 1.98. A list of documents on form PTO 1449 together with a concise explanation or a translation of each non-English language document is enclosed herewith.

This paper is submitted in accordance with 37 CFR 1.97(b) and a fee is not required for consideration of these documents. Please charge any deficiencies to Deposit Acct. No. 50-0951.

Respectfully submitted,

Date: 10/15/03



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<b>Form PTO-1449</b> <b>(Rev. 2-88)</b>  <b>INFORMATION DISCLOSURE STATEMENT</b> <b>BY APPLICANT</b> <i>(Use several sheets if necessary)</i>		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. <b>7162-109</b>		APPLICATION NO.	
		APPLICANT <b>ZARRO, et al.</b>					
		FILING DATE <b>Herewith</b>				GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIAL	Cite No.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	106	10/448,973		Delgado, et al.			5/30/2003
	11	10/184,277		Killen, et al.			6/27/2002
	12	10/185,443		Killen, et al.			6/27/2002
	13	10/184,332		Killen, et al.			6/27/2002
	14	10/185,251		Parsche, et al.			6/27/2002
	16	10/185,847		Killen, et al.			6/27/2002
	17	10/185,275		Killen, et al.			6/27/2002
	18	10/185,273		Killen, et al.			6/27/2002
	20	10/308,500		Killen, et al.			12/3/2002
	21	10/373,935		Killen, et al.			2/25/2003
	22	10/404,285		Killen, et al.			3/31/2003
	23	10/404,981		Killen, et al.			3/31/2003
	24	10/404,960		Killen, et al.			3/31/2003
	25	10/185,144		Killen, et al.			6/27/2002
	26	10/185,266		Killen, et al.			6/27/2002
	27	10/185,162		Rumpf, Jr., et al.			6/27/2002
	28	10/185,824		Killen, et al.			6/27/2002
	31	10/185,187		Killen, et al.			6/27/2002
FOREIGN PATENT DOCUMENTS							
			DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES      NO
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
EXAMINER				DATE CONSIDERED			
* EXAMINER: Initial if a citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

<b>Form PTO-1449</b> (Rev. 2-88)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. <b>7162-109</b>		APPLICATION NO.	
<b>INFORMATION DISCLOSURE STATEMENT</b> <b>BY APPLICANT</b> <i>(Use several sheets if necessary)</i>				APPLICANT <b>ZARRO, et al.</b>			
				FILING DATE <b>Herewith</b>		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER'S INITIAL	Cite No.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	32	10/185,855		Killen, et al.			6/27/2002
	33	10/185,459		Killen, et al.			6/27/2002
	35	10/185,480		Killen, et al.			6/27/2002
	56	10/439,094		Delgado, et al.			5/15/2003
	29	10/185,570		Killen, et al.			6/27/2002
	30	10/184,854		Killen, et al.			6/27/2002
	34	10/185,215		Killen, et al.			6/27/2002
	36	10/185,480		Killen, et al.			6/27/2002
	98	10/614,626		Zarro, et al.			7/7/2003
FOREIGN PATENT DOCUMENTS							
			DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES      NO
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
EXAMINER				DATE CONSIDERED			
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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		Applicant Number	
		Filing Date	Filed Herewith
		First Named Inventor	ZARRO
		Art Unit	
		Examiner Name	
Sheet 3	of 3	Attorney Docket Number	7162-109

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		THOMAS, Design of Wide-Band Corrugated Conical Horns for Cassegrain Antennas, IEEE Transactions on Antennas and Propagation, Vol. AP-34, No. 6, June 1986	
		TAKEDA, Broadbanding of Corrugated Conical Horns by Means of the Ring-Loaded Currugated Waveguid Structure, IEEE Transactions on Antennas and Propagation, Vol. AP-24, No. 6, Nov. 1976	
		CLARRICOATS, Broadband low-crosspolarisation horn, Electronics Letters, Vol. 30, No. 25, 8 Dec. 1984	
		WORM, Electromagnetic fields of corrugated conicalhorns with elliptical cross section described by Lamé functions, Radio Science, Vol. 19, No. 5, pp. 1219-1224, Sept.-Oct, 1984	
		ZHANG, Design of Conical Corrugated Feed Horns for Wide-Band High-Frequency Applications, IEEE Transactions on Microwave Theory and Techniquese, Vol. 41, No. 8, August 1993	

Examiner Signature	Date Considered
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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